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MIL-STD-2045-17507-2
29 July 1994

MILITARY STANDARD

Information Technology
DOD Standardized Profile

Internet Network Management Profile for DOD Communications

Part 2: Management Information Base (MIB) (SNMPv1)

AMSC N/A AREA DCPS

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Foreword

This military standard is approved for use by all Departments and Agencies of the Department Of Defense (DOD).

Beneficial comments (recommendations, additions, deletions) and any pertinent data that may be of use in improving this MIL-STD should be addressed to the:

Joint Interoperability and Engineering Organization (JIEO)
ATTN: TBBF
Fort Monmouth, New Jersey 07703-5613

by using the Standardization Document Improvement Proposal (DD Form 1426) appearing at the end of this MIL-STD or by memorandum.

This MIL-STD 2045-17507 series DOD Standardized Profile (DSP) is a functional standard produced by the Data Communications Protocol Standards (DCPS) Technical Management Panel (DTMP). DTMP functional standards are functional groupings of base standards. Referenced base standards may be commercial, DOD or de facto standards, although International Standards (produced by ISO, CCITT (now ITU-T), and other bodies) are preferred when possible.

This Defense Standardized Profile (DSP) is a functional DOD Data Communications Protocol Standard (DCPS) produced by the DCPS Technical Management Panel (DTMP). The MIL-STD-2045 document series was established within the DCPS Standardization Area to allow for the enhancement of commercial standards or the development of standards that are unique to DOD.

The MIL-STD-2045-10000 series, MIL-STD-2045-10000 to MIL-STD-2045-19999 inclusive, will be used to describe how DOD will implement commercial, international, national, federal, or military standards within the functional profile concept to provide required network services. The Government Open Systems Interconnection Profile (GOSIP) will serve as the base for developing the 10000 series with DOD enhancements, unique military standards, and interim standards being used only when necessary.

The MIL-STD-2045-20000 series, MIL-STD-2045-20000 to MIL-STD-2045-29999 inclusive, will be used to describe DOD enhancements and extensions to existing commercial, international, national, or federal standards.

The MIL-STD-2045-30000 series, MIL-STD-2045-30000 to MIL-STD-2045-39999 inclusive, will be used to describe protocols and services unique to DOD that will not be supported by commercial, international, national, or federal standards.

The MIL-STD-2045-40000 series, MIL-STD-2045-40000 to MIL-STD-2045-49999 inclusive, will be used to document interim standards. Interim standards document protocols and services needed by DOD until these protocols and services are described in either a GOSIP or in a MIL-STD-2045-20000 or -30000 series standard.

The MIL-STD-2045-50000 series, MIL-STD-2045-50000 to MIL-STD-2045-59999 inclusive, will be used to describe how DOD will implement commercial, international, national, federal, or military standards within the functional profile concept to provide required network services. The Government Open Systems Interconnection Profiles (GOSIP) will serve as the base for developing the 50000 series with DOD enhancements, unique military standards, and interim standards being used only when necessary. The difference between MIL-STD-2045-10000 series and the MIL-STD-2045-50000 series is that the 50000 series are interim profiles

Specific details and instructions for establishing a MIL-STD-2045 document, as well as profile development guidelines, are documented in MIL-HDBK-829. DTMP Working Groups shall be responsible for DSP development and informal Service or Agency coordination; the DTMP Plenary shall be responsible for final review and approval.

This document is part of a set of interim DOD data communications protocol profiles based on the Internet protocol suite and is intended to support the interoperability of DOD communication networks, including connectivity with the Defense Data Network (DDN).

This part of MIL-STD-2045-17507 contains one normative and one informative annex:

Annex A (normative)	DSPICS REQUIREMENTS LIST (DPRL).
Annex B (informative)	CONCLUDING MATERIAL

For DOD acquisition purposes, where such differences exist, this DSP shall be the controlling document.

The Preparing Activity for this standard is the Data Communication Protocol Standards Technical Management Panel (DTMP). The custodians for the document are identified in the Defense Standardization Program, "Standardization Directory (SD-1)" and are classified in the Federal Supply Classification (FSC) system under Data communication Protocol standards (DCPS). Additional information can be obtained from:

Joint Interoperability and Engineering Organization (JIEO)
ATTN: DTMP Chairman
Ft. Monmouth, New Jersey 07703-5613

Contents

Paragraph Page

Annexes

Tables

Figures

Introduction

This MIL-STD is part of a set of interim Command and Control (C^2) common data communication profiles. It will cease to exist upon the transition of the various military service and agency (S/A) networks to GOSIP. The purpose is to record what presently exists in, and what is needed to achieve the interoperability of the various S/A data communication networks deployed to support a Joint Task Force (JTF).

This DOD Standardized Profile (DSP) is defined within the context of functional standardization, in accordance with the principles specified by MIL-HDBK-829. The context of functional standardization is one part of the overall field of Information Technology (IT) standardization activities - covering base standards, profiles, and registration mechanisms. A profile defines a combination of base standards that collectively perform a specific well-defined IT function. Profiles standardize the selection of options and other variations in the base standards to promote system interoperability and to provide a basis for the development of uniform, internationally recognized system tests.

One of the most important roles for a DSP is to serve as the basis for the development of recognized tests. DSPs also guide implementors in developing systems that fit the needs of the US Department Of Defense (DOD). DSPs are produced not simply to 'legitimize' a particular choice of base standards and options, but to promote real system interoperability. The development and widespread acceptance of tests based on this and other DSPs is crucial to the successful realization of this goal.

The base standards of this DSP include Request For Comments (RFCs) designated as Official Internet Architecture Board (IAB) standards and other RFCs.

This MIL-STD-2045-17507-2, DOD Standardized Profiles - Internet Network Management Profile for DOD Communications - Part 2, Management Information Base (MIB), is part of a multipart Application profile for the Simple Network Management Protocol (SNMPv1). This document covers the provisions and use of the MIB as specified in IAB STD 17 (RFC 1213 : March 1991, Management Information Base (MIB) for Network Management of TCP/IP-based Internets: MIB-II).

Information Technology - DOD Standardized Profile (DSP) - Internet Network Management Profile for DOD Communications - Part 2: Management Information Base (MIB) (SNMPv1)

1 Scope

1.1 General

This part of DOD Standardized Profile (DSP) 2045-17507 applies to the Management Information Base (MIB) for the Simple Network Management Protocol (SNMPv1) Standard.

1.2 Position within the taxonomy

This profile is classified as MIL-STD 2045-17507 in accordance with MIL-HDBK 829.

1.3 Scenario

This DSP specifies the provisions of the Management Information Base (MIB) for the Simple Network Management Protocol (SNMPv1).

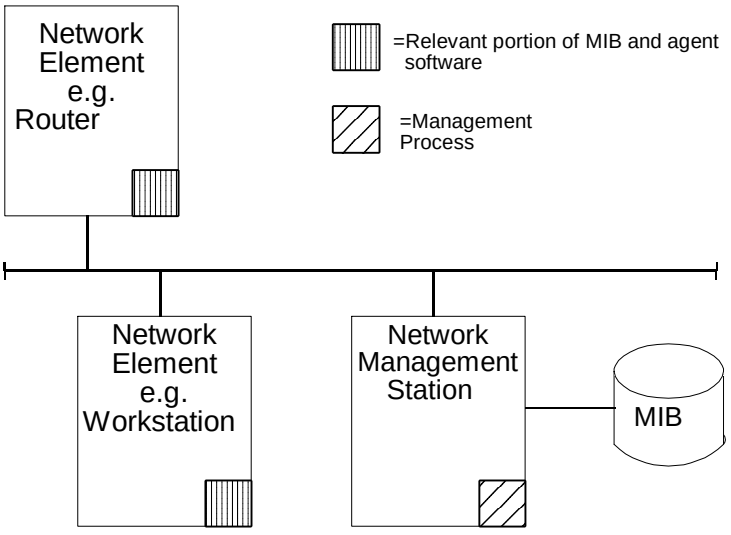

Figure 1. MIB SCENARIO

2 References

The following documents contain provisions which, through reference in this text, constitute provision of this part of DSP 2045-17507. At the time of publication, the editions indicated were valid. All documents are subject to revision, and parties to agreements based on this part of DSP 2045-17507 are warned against automatically applying any more recent editions of the documents listed below, since the nature of references made by DSPs to such documents is that they may be specific to a particular edition.

2.1 Government Documents

2.1.1 Specifications, Standards, and Handbooks

The following specifications, standards, and handbooks form a part of this document to the extent specified herein. Unless otherwise specified, the issues of these documents are those listed in the issue of the Department of Defense Index of Specifications and Standards (DODISS) and supplement thereto, cited in the solicitation. In the event of a conflict between the text of this profile and MIL-STD-2045-38000 the text of MIL-STD-2045-17507 takes precedence.

MIL-STD-2045-38000 *Draft Network Management for DOD Communications*

MIL-HDBK 829: July 1994 *Guidelines for Developing Data Communications Protocol Standards*

MIL-HDBK 1351: 23 July 1993 *Military Handbook, Network Management for DOD Communications*

DOD activities may obtain copies of DOD directives through their own publication channels or from the DOD Single Stock Point, Standardization Document Order Desk, 700 Robbins Avenue, Building 4D, Philadelphia, PA 19111-5094. Other federal agencies and the public may purchase copies from the U.S. Department of Commerce, National Technical Information Service, 5285 Port Royal Road, Springfield, VA 22161.

Copies of Federal Information Processing Standards (FIPS) are available to Department of Defense activities from the Commanding Officer, Naval Publications and Forms Center, 5801 Tabor Avenue, Philadelphia, PA 19120-5099. Others must request copies of FIPS from the National Technical Information Services, 5285 Port Royal, Springfield, VA 22161-2171.

2.1.2 Other Government Documents, Drawings, and Publications

The following other Government documents, drawings, and publications form a part of this document to the extent specified herein. Unless otherwise specified, the issues are those cited in the solicitation.

None

2.2 Non-Government Publications

The following documents form a part of this document to the extent specified herein. Unless otherwise specified, the issues of the documents which are DOD adopted are those listed in the issue of the DODISS cited in the solicitation.

2.2.1 Profiles

None

Application for copies of these documents should be addressed to the American National Standards Institute, 11 West 42nd Street, NY, NY 10036 or to ISO, Van Demonstrate 94, 1013 CN Amsterdam, Netherlands.)

2.2.2 Base Standards

IAB STD 17 *(RFC 1213 : March 1991, Management Information Base (MIB) for Network Management of TCP/IP-based Internets: MIB-II).*

RFCs are public domain and are available on the Internet.

2.2.3 Other Non-Government Documents, Drawings, and Publications

The following documents form a part of this document to the extent specified herein. Unless otherwise specified, the issues of the documents which are DOD adopted are those listed in the issue of the DODISS cited in the solicitation.

IAB STD 15 *(RFC 1157 : May 1990, A Simple Network Management Protocol).*

IAB STD 16 *(RFC 1155 : May 1990, Structure and Identification of Management Information for TCP/IP-based Internets: MIB-II).*

RFCs are public domain and are available on the Internet.

2.3 Order of Precedence

In the event of a conflict between the text of this document and the references cited herein, the text of this document takes precedence. Nothing in this document, however, supersedes applicable laws and regulations unless a specific exemption has been obtained.

3 Definitions

Internet Architecture Board (IAB) Standards (STD): The IAB has established this as an official standard protocol for the Internet. These protocols are assigned STD numbers.

Request For Comments (RFCs): RFCs are the working notes of the "Network Working Group," that is the Internet research and development community.

Note: All standards are published as RFCs, but not all RFCs specify standards.

4 Abbreviations and Acronyms

AT	Address Translation
EGP	Exterior Gateway Protocol
IAB	Internet Architecture Board
ICMP	Internet Control Message Protocol
IP	Internet Protocol
MIB	Management Information Base
RFC	Request For Comments
SNMP	Simple Network Management Protocol
STD	Standard
TCP	Transmission Control Protocol
UDP	User Datagram Protocol

5 Requirements

5.1 General Requirements

A conforming implementation of this profile shall be unconditionally compliant and therefore, shall satisfy all the **"MUST"** and all the **"SHOULD"** requirements of the reference base standards and shall not implement any capability that has been identified by the base standards as **"SHOULD NOT"**.

Implementations claiming conformance to this DSP 2045-17507 shall support the following as stated.

5.1.1 Deprecated Objects

There are no additional requirements as specified in RFC 1213, section 3.1.

5.1.2 Display strings

There are no additional requirements as specified in RFC 1213, section 3.2.

5.1.3 Physical Addresses

There are no additional requirements as specified in RFC 1213, section 3.3.

5.1.4 Objects

There are no additional requirements as specified in RFC 1213, section 4.

5.2 Conformance Requirements

Implementations claiming conformance to this DSP 2045-17507 shall support the following as stated and described in the DSPICS Requirements List.

5.2.1 Textual convention

There are no additional requirements as specified in RFC 1213, section 6.1

5.2.2 Groups in MIB-II

5.2.2.1 The System group

The implementation shall support the System group as specified in RFC 1213, section 6.3.

5.2.2.2 The Interfaces group

The implementation shall support the Interfaces group as specified in RFC 1213, section 6.4.

5.2.2.3 The Address Translation group

The implementation shall support the Address Translation group as specified in RFC 1213, section 6.5.

5.2.2.4 The IP group

The implementation shall support the IP group as specified in RFC 1213, section 6.6.

5.2.2.5 The ICMP group

The implementation shall support the ICMP group as specified in RFC 1213, section 6.7.

5.2.2.6 The TCP group

The implementation shall support the TCP group as specified in RFC 1213, section 6.8.

5.2.2.7 The UDP group

The implementation shall support the UDP group as specified in RFC 1213, section 6.9.

5.2.2.8 The EGP group

The implementation shall support the EGP group as specified in RFC 1213, section 6.10.

5.2.2.9 The Transmission group

The implementation shall support the Transmission group as specified in RFC 1213, section 6.11.

5.2.2.10 The SNMP group

The implementation shall support the SNMP group as specified in RFC 1213, section 6.12.

ANNEX A (normative)

DSPICS REQUIREMENTS LIST (DPRL)

A.1 Introduction

This document provides the DOD Standardized Profile Implementation Conformance Statements (DSPICS) Requirements List (DPRL) for implementations of the DOD Standardized Profile (DSP) 2045-17507. The DSPICS for an implementation is generated by completing the DPRL in accordance with the following instructions.

An implementation shall satisfy the mandatory conformance requirements of the base standards referenced in this profile.

An implementation's completed DPRL is called the DSPICS. The DSPICS states which capabilities and options of the protocol have been implemented. The following can use the DSPICS:

(a) the protocol implementor, as a checklist to reduce the risk of failure to conform to the standard through oversight.

(b) the supplier and acquirer or potential acquirer of the implementation, as a detailed indication of the capabilities of the implementation, stated relative to the common basis for understanding provided by the standard DSPICS proforma.

(c) the user or potential user of the implementation, as a basis for initially checking the possibility of inter-working with another implementation (note that, while inter-working can never be guaranteed, failure to internetwork can often be predicted from incompatible DSPICSs).

(d) a protocol tester, as the basis for selecting appropriate tests against which to assess the claim for conformance of the implementation.

A.1.1 Notation

The following notations and symbols from MIL-HDBK 829, which references ISO/IEC TR 10000-1 and -2, are used in the DPRL to indicate the status of features:

Status Symbols

m	- mandatory
m.<n>	- support of every item of the group labeled by the same numeral <n> required, but only one is active at a time
o	- optional
o.<n>	- optional, but support of at least one of the group of options labeled by the same numeral <n> is required
c	- conditional
-	- non-applicable (i.e. logically impossible in the scope of the profile)
x	- excluded or prohibited
i	- out of scope of profile (left as an implementation choice)

In addition, the symbol "●" is used to indicate an option whose status is not constrained by the profile (status in the base standard). The o.<n> notation is used to show a set of selectable options (i.e., one or more of the set must be implemented) with the same identifier <n>.

Two character combinations may be used for dynamic conformance requirements. In this case, the first character refers to the static (implementation) status, and the second refers to the dynamic (use); thus "mo" means "mandatory to be implemented, optional to be used."

Notations for Conditional Status

The following predicate notations are used:

<predicate>:: This notation introduces a group of items, all of which are conditional on <predicate>.

<predicate>: This notation introduces a single item which is conditional on <predicate>.

In each case, the predicate may identify a profile feature, or a boolean combination of predicates. ("^" is the symbol for logical negation.)

<index>: This predicate symbol means that the status following it applies only when the DPICS states that the features identified by the index are supported. In the simplest case, <index> is the identifying tag of a single DPICS items. The symbol <index> also may be a Boolean expression composed of several indices.

<index>:: When this group predicate is true, the associated clause should be completed.

Notations used in the Protocol Feature Column

<r> Symbol used to denote the receiving system.
<t> Symbol used to denote the transmitting system.

Support Column Symbols

The support of every item as claimed by the implementor is stated by circling the appropriate answer (Yes, No, or N/A) in the support column:

Yes Supported by the implementation.
No Not supported by the implementation.
N/A Not applicable.

Base standard requirements are shown using the equivalent notations in upper case (e.g., M, O, X).

A.1.2 Footnotes

Footnotes to the proforma are indicated by superscript numerals. The footnote appears on the page of the first occurrence of the numeral. Subsequent occurrences of a numeral refer to the footnote of the first occurrence.

A.1.3 Instructions for Completing the DPRL

A DSP implementor shows the extent of compliance to a DSP by completing the DPRL; that is, compliance to all mandatory requirements and the options that are not supported are shown. The resulting completed DPRL is called a DSPICS. Where this profile refines the features of the base standards, the requirements expressed in this DPRL shall be applied (as indicated in DPRL items with no "Profile Support" column) to constrain the allowable responses in the base standard PICS proforma. When this profile makes additional requirements, the "Profile Support" column for such DPRLs shall be completed. In this column, each response shall be selected either from the indicated set of responses, or it shall comprise one or more parameter values as requested. If a conditional requirement is inapplicable, use the Not Applicable (NA) choice. If a mandatory requirement is not satisfied, exception information must be supplied by entering a reference Xi, where i is a unique identifier, to an accompanying rationale for the noncompliance. When the profile requirement is expressed as a two-character combination (as defined in A.1.1 above), the response shall address each

element of the requirement; e.g., for the requirement "mo," the possible compliant responses are "yy" or "yn."

A.2 Standards Referenced

This profile specifies the provision of the Management Information Base (MIB), as specified in IAB STD 17 (RFC 1213: March 1991, Management Information Base for Network management of TCP/IP-based internets: MIB-II), for the Simple Network Management Protocol (SNMPv1).

A.3 DSPICS Requirements List

A.3.1 General Information

A.3.1.1 Implementation Identification

Supplier	
Contact point for queries about the profile	
Implementation name(s) and version(s)	
Date of statement	
Other information: machine name, operating systems, system name	

A.3.2 Groups in MIB-II

Item	Group	Status	Profile	Support	Base Std. References
1	system	M	m	Yes	6, p.13
2	interfaces	M	m	Yes	6, p.13, 16
3	at	M	m	Yes	6, p.13, 23
4	ip	M	m	Yes	6, p.13, 26
5	icmp	M	m	Yes	6, p.13, 41
6	tcp	O	o	Yes No	6, p.13, 46
7	udp	O	m	Yes	6, p.13, 52, 1157, 3.2.4
8	egp	O	i	Yes No	6, p.13, 54
9	transmission[1]	M	m	Yes	6, p.13, 60
10	snmp	M	m	Yes	6, p.13, 60

[1] The group is mandatory when it becomes available.

A.3.2.1 The System group

Item	Object	Syntax	Access	Status	Profile	Support	Base Std. Ref.
1	sysDescr	DisplayString	read-only	M	m	Yes	6, p.13
2	sysObjectID	OBJECT IDENTIFIER	read-only	M	m	Yes	6, p.14
3	sysUpTime	TimeTicks	read-only	M	m	Yes	6, p.14
4	sysContact	DisplayString	read-write	M	m	Yes	6, p.14
5	sysName	DisplayString	read-write	M	m	Yes	6, p.14
6	sysLocation	DisplayString	read-write	M	m	Yes	6, p.15
7	sysServices	INTEGER	read-only	M	m	Yes	6, p.15

A.3.2.2 The Interfaces group

Item	Object	Syntax	Access	Status	Profile	Support	Base Std. Ref.
1	ifNumber	INTEGER	read-only	M	m	Yes	6, p.16
2	ifTable	SEQUENCE OF IfEntry	not-accessible	M	m	Yes	6, p.16
2.1	ifEntry	IfEntry	not-accessible	M	m	Yes	6, p.16
2.1.1	ifIndex	INTEGER	read-only	M	m	Yes	6, p.17
2.1.2	ifDescr	DisplayString	read-only	M	m	Yes	6, p.18
2.1.3	ifType	INTEGER	read-only	M	m	Yes	6, p.18
2.1.3.1	other	INTEGER	read-only	M	m	Yes	6, p.18
2.1.3.2	regular1822	INTEGER	read-only	M	m	Yes	6, p.18
2.1.3.3	hdh1822	INTEGER	read-only	M	m	Yes	6, p.18
2.1.3.4	ddn-x25	INTEGER	read-only	M	m	Yes	6, p.18
2.1.3.5	rfc877-x25	INTEGER	read-only	M	m	Yes	6, p.18
2.1.3.6	ethernet-csmacd	INTEGER	read-only	M	m	Yes	6, p.18
2.1.3.7	iso88023-csmacd	INTEGER	read-only	M	m	Yes	6, p.18
2.1.3.8	iso88024-tokenBus	INTEGER	read-only	M	m	Yes	6, p.18
2.1.3.9	iso88025-tokenRing	INTEGER	read-only	M	m	Yes	6, p.18
2.1.3.10	iso88026-man	INTEGER	read-only	M	m	Yes	6, p.18

Item	Object	Syntax	Access	Status	Profile	Support	Base Std. Ref.
2.1.3.11	starLan	INTEGER	read-only	M	m	Yes	6, p.18
2.1.3.12	proteon-10Mbit	INTEGER	read-only	M	m	Yes	6, p.18
2.1.3.13	proteon-80Mbit	INTEGER	read-only	M	m	Yes	6, p.18
2.1.3.14	hyperchannel	INTEGER	read-only	M	m	Yes	6, p.18
2.1.3.15	fddi	INTEGER	read-only	M	m	Yes	6, p.18
2.1.3.16	lapb	INTEGER	read-only	M	m	Yes	6, p.18
2.1.3.17	sdlc	INTEGER	read-only	M	m	Yes	6, p.18
2.1.3.18	ds1	INTEGER	read-only	M	m	Yes	6, p.18
2.1.3.19	el	INTEGER	read-only	M	m	Yes	6, p.18
2.1.3.20	basicISDN	INTEGER	read-only	M	m	Yes	6, p.18
2.1.3.21	primaryISDN	INTEGER	read-only	M	m	Yes	6, p.18
2.1.3.22	propPointToPoint Serial	INTEGER	read-only	M	m	Yes	6, p.18
2.1.3.23	ppp	INTEGER	read-only	M	m	Yes	6, p.18
2.1.3.24	softwareLoopback	INTEGER	read-only	M	m	Yes	6, p.18
2.1.3.25	eon	INTEGER	read-only	M	m	Yes	6, p.18
2.1.3.26	ethernet-3Mbit	INTEGER	read-only	M	m	Yes	6, p.18
2.1.3.27	nsip	INTEGER	read-only	M	m	Yes	6, p.19
2.1.3.28	slip	INTEGER	read-only	M	m	Yes	6, p.19
2.1.3.29	ultra	INTEGER	read-only	M	m	Yes	6, p.19
2.1.3.30	ds3	INTEGER	read-only	M	m	Yes	6, p.19
2.1.3.31	sip	INTEGER	read-only	M	m	Yes	6, p.19
2.1.3.32	frame-relay	INTEGER	read-only	M	m	Yes	6, p.19
2.1.4	ifMtu	INTEGER	read-only	M	m	Yes	6, p.19
2.1.5	ifSpeed	Gauge	read-only	M	m	Yes	6, p.19
2.1.6	ifPhysAddress	PhysAddress	read-only	M	m	Yes	6, p.19
2.1.7	ifAdminStatus	INTEGER	read-write	M	m	Yes	6, p.20
2.1.7.1	up	INTEGER	read-write	M	m	Yes	6, p.20
2.1.7.2	down	INTEGER	read-write	M	m	Yes	6, p.20
2.1.7.3	testing	INTEGER	read-write	M	m	Yes	6, p.20
2.1.8	ifOperStatus	INTEGER	read-only	M	m	Yes	6, p.20

Item	Object	Syntax	Access	Status	Profile	Support	Base Std. Ref.
2.1.8.1	up	INTEGER	read-only	M	m	Yes	6, p.20
2.1.8.2	down	INTEGER	read-only	M	m	Yes	6, p.20
2.1.8.3	testing	INTEGER	read-only	M	m	Yes	6, p.20
2.1.9	ifLastChange	TimeTicks	read-only	M	m	Yes	6, p.20
2.1.10	ifInOctets	Counter	read-only	M	m	Yes	6, p.20
2.1.11	ifInUcastPkts	Counter	read-only	M	m	Yes	6, p.21
2.1.12	ifInNUcastPkts	Counter	read-only	M	m	Yes	6, p.21
2.1.13	ifInDiscards	Counter	read-only	M	m	Yes	6, p.21
2.1.14	ifInErrors	Counter	read-only	M	m	Yes	6, p.21
2.1.15	ifInUnknownProtos	Counter	read-only	M	m	Yes	6, p.22
2.1.16	ifOutOctets	Counter	read-only	M	m	Yes	6, p.22
2.1.17	ifOutUcastPkts	Counter	read-only	M	m	Yes	6, p.22
2.1.18	ifOutNUcastPkts	Counter	read-only	M	m	Yes	6, p.22
2.1.19	ifOutDiscards	Counter	read-only	M	m	Yes	6, p.22
2.1.20	ifOutErrors	Counter	read-only	M	m	Yes	6, p.23
2.1.21	ifOutQLen	Gauge	read-only	M	m	Yes	6, p.23
2.1.22	ifSpecific[2]	OBJECT IDENTIFIER	read-only	M	m	Yes	6, p.23

A.3.2.3 The Address Translation group

Item	Object	Syntax	Access	Status	Profile	Support	Base Std. Ref.
1	atTable	SEQUENCE OF AtEntry	not-accessible	M	m	Yes	6, p.24
1.1	atEntry	ATEntry	not-accessible	M	m	Yes	6, p.24
1.1.1	atIfIndex	INTEGER	read-write	M	m	Yes	6, p.25
1.1.2	atPhysAddress	Physaddress	read-write	M	m	Yes	6, p.25
1.1.3	atNetAddress	NetworkAddress	read-write	M	m	Yes	6, p.25

[2] Currently, the documents defining specific MIBs are proposed standards. The current edition of the "IAB Official Protocol Standards" should be referred for the standardization state and status of these documents.

A.3.2.4 The IP group

Item	Object	Syntax	Access	Status	Profile	Support	Base Std. Ref.
1	ipForwarding	INTEGER	read-write	M	m	Yes	6, p.26
1.1	forwarding	INTEGER	read-write	M	m	Yes	6, p.26
1.2	not-forwarding	INTEGER	read-write	M	m	Yes	6, p.26
2	ipDefaultTTL	INTEGER	read-write	M	m	Yes	6, p.26
3	ipInReceives	Counter	read-only	M	m	Yes	6, p.26
4	ipInHdrErrors	Counter	read-only	M	m	Yes	6, p.27
5	ipInAddrErrors	Counter	read-only	M	m	Yes	6, p.27
6	ipForwDatagrams	Counter	read-only	M	m	Yes	6, p.27
7	ipInUnknownProtos	Counter	read-only	M	m	Yes	6, p.27
8	ipInDiscards	Counter	read-only	M	m	Yes	6, p.28
9	ipInDelivers	Counter	read-only	M	m	Yes	6, p.28
10	ipOutRequests	Counter	read-only	M	m	Yes	6, p.28
11	ipOutDiscards	Counter	read-only	M	m	Yes	6, p.28
12	ipOutNoRoutes	Counter	read-only	M	m	Yes	6, p.29
13	ipReasmTimeout	INTEGER	read-only	M	m	Yes	6, p.29
14	ipReasmReqds	Counter	read-only	M	m	Yes	6, p.29
15	ipReasmOKs	Counter	read-only	M	m	Yes	6, p.29
16	ipReasmFails	Counter	read-only	M	m	Yes	6, p.30
17	ipFragOKs	Counter	read-only	M	m	Yes	6, p.30
18	ipFragFails	Counter	read-only	M	m	Yes	6, p.30
19	ipFragCreates	Counter	read-only	M	m	Yes	6, p.30
20	ipAddrTable	SEQUENCE OF IpAddrEntry	not-accessible	M	m	Yes	6, p.31
20.1	ipAddrEntry	IpAddrEntry	not-accessible	M	m	Yes	6, p.31
20.1.1	ipAdEntAddr	IpAddress	read-only	M	m	Yes	6, p.31
20.1.2	ipAdEntIfIndex	INTEGER	read-only	M	m	Yes	6, p.32
20.1.3	ipAdEntNetMask	IpAddress	read-only	M	m	Yes	6, p.32
20.1.4	ipAdEntBcastAddr	INTEGER	read-only	M	m	Yes	6, p.32
20.1.5	ipAdEntReasmMax Size	INTEGER	read-only	M	m	Yes	6, p.32

Item	Object	Syntax	Access	Status	Profile	Support	Base Std. Ref.
21	ipRouteTable	SEQUENCE OF IpRouteEntry	not-accessible	M	m	Yes	6, p.33
21.1	ipRouteEntry	IpRouteEntry	not-accessible	M	m	Yes	6, p.33
21.1.1	ipRouteDest	IpAddress	read-write	M	m	Yes	6, p.34
21.1.2	ipRouteIfIndex	INTEGER	read-write	M	m	Yes	6, p.34
21.1.3	ipRouteMetric1	INTEGER	read-write	M	m	Yes	6, p.34
21.1.4	ipRouteMetric2	INTEGER	read-write	M	m	Yes	6, p.34
21.1.5	ipRouteMetric3	INTEGER	read-write	M	m	Yes	6, p.35
21.1.6	ipRouteMetric4	INTEGER	read-write	M	m	Yes	6, p.35
21.1.7	ipRouteNextHop	IpAddress	read-write	M	m	Yes	6, p.35
21.1.8	ipRouteType	INTEGER	read-write	M	m	Yes	6, p.35
21.1.8.1	other	INTEGER	read-write	M	m	Yes	6, p.35
21.1.8.2	invalid	INTEGER	read-write	M	m	Yes	6, p.35
21.1.8.3	direct	INTEGER	read-write	M	m	Yes	6, p.36
21.1.8.4	indirect	INTEGER	read-write	M	m	Yes	6, p.36
21.1.9	ipRouteProto	INTEGER	read-only	M	m	Yes	6, p.36
21.1.9.1	other	INTEGER	read-only	M	m	Yes	6, p.36
21.1.9.2	local	INTEGER	read-only	M	m	Yes	6, p.36
21.1.9.3	netmgmt	INTEGER	read-only	M	m	Yes	6, p.36
21.1.9.4	icmp	INTEGER	read-only	M	m	Yes	6, p.36
21.1.9.5	egp	INTEGER	read-only	M	m	Yes	6, p.36
21.1.9.6	ggp	INTEGER	read-only	M	m	Yes	6, p.36
21.1.9.7	hello	INTEGER	read-only	M	m	Yes	6, p.37
21.1.9.8	rip	INTEGER	read-only	M	m	Yes	6, p.37
21.1.9.9	is-is	INTEGER	read-only	M	m	Yes	6, p.37
21.1.9.10	es-is	INTEGER	read-only	M	m	Yes	6, p.37
21.1.9.11	ciscoIgrp	INTEGER	read-only	M	m	Yes	6, p.37
21.1.9.12	bbnSpfIgp	INTEGER	read-only	M	m	Yes	6, p.37
21.1.9.13	ospf	INTEGER	read-only	M	m	Yes	6, p.37
21.1.9.14	bgp	INTEGER	read-only	M	m	Yes	6, p.37
21.1.10	ipRouteAge	INTEGER	read-write	M	m	Yes	6, p.37

Item	Object	Syntax	Access	Status	Profile	Support	Base Std. Ref.
21.1.11	ipRouteMask	IpAddress	read-write	M	m	Yes	6, p.37
21.1.12	ipRouteMetric5	INTEGER	read-write	M	m	Yes	6, p.38
21.1.13	ipRouteInfo	OBJECT IDENTIFIER	read-only	M	m	Yes	6, p.38
22	ipNetToMediaTable	SEQUENCE OF IpNetToMediaEntry	not-accessible	M	m	Yes	6, p.38
22.1	ipNetToMediaEntry	IpNetToMediaEntry	not-accessible	M	m	Yes	6, p.39
22.1.1	ipNetToMediaIfIndex	INTEGER	read-write	M	m	Yes	6, p.39
22.1.2	ipNetToMediaPhys Address	PhysAddress	read-write	M	m	Yes	6, p.39
22.1.3	ipNetToMediaNet Address	IpAddress	read-write	M	m	Yes	6, p.40
22.1.4	ipNetToMediaType	INTEGER	read-write	M	m	Yes	6, p.40
22.1.4.1	other	INTEGER	read-write	M	m	Yes	6, p.40
22.1.4.2	invalid	INTEGER	read-write	M	m	Yes	6, p.40
22.1.4.3	dynamic	INTEGER	read-write	M	m	Yes	6, p.40
22.1.4.4	static	INTEGER	read-write	M	m	Yes	6, p.40
23	ipRoutingDiscards	Counter	read-only	M	m	Yes	6, p.40

A.3.2.5 The ICMP group

Item	Object	Syntax	Access	Status	Profile	Support	Base Std. Ref.
1	icmpInMsgs	Counter	read-only	M	m	Yes	6, p.41
2	icmpInErrors	Counter	read-only	M	m	Yes	6, p.41
3	icmpInDestUnreachs	Counter	read-only	M	m	Yes	6, p.41
4	icmpInTimeExcds	Counter	read-only	M	m	Yes	6, p.41
5	icmpInParmProbs	Counter	read-only	M	m	Yes	6, p.42
6	icmpInSrcQuenchs	Counter	read-only	M	m	Yes	6, p.42
7	icmpInRedirects	Counter	read-only	M	m	Yes	6, p.42
8	icmpInEchos	Counter	read-only	M	m	Yes	6, p.42
9	icmpEchoReps	Counter	read-only	M	m	Yes	6, p.42
10	icmpInTimestamps	Counter	read-only	M	m	Yes	6, p.42

Item	Object	Syntax	Access	Status	Profile	Support	Base Std. Ref.
11	icmpInTimestampReps	Counter	read-only	M	m	Yes	6, p.43
12	icmpInAddrMasks	Counter	read-only	M	m	Yes	6, p.43
13	icmpInAddrMaskReps	Counter	read-only	M	m	Yes	6, p.43
14	icmpOutMsgs	Counter	read-only	M	m	Yes	6, p.43
15	icmpOutErrors	Counter	read-only	M	m	Yes	6, p.43
16	icmpOutDestUnreachs	Counter	read-only	M	m	Yes	6, p.44
17	icmpOutTimeExcds	Counter	read-only	M	m	Yes	6, p.44
18	icmpOutParmProbs	Counter	read-only	M	m	Yes	6, p.44
19	icmpOutSrcQuenchs	Counter	read-only	M	m	Yes	6, p.44
20	icmpOutRedirects	Counter	read-only	M	m	Yes	6, p.44
21	icmpOutEchos	Counter	read-only	M	m	Yes	6, p.45
22	icmpOutEchoReps	Counter	read-only	M	m	Yes	6, p.45
23	icmpOutTimestamps	Counter	read-only	M	m	Yes	6, p.45
24	icmpOutTimestamp Reps	Counter	read-only	M	m	Yes	6, p.45
25	icmpOutAddrMasks	Counter	read-only	M	m	Yes	6, p.45
26	icmpOutAddrMaskReps	Counter	read-only	M	m	Yes	6, p.46

A.3.2.6 The TCP group

Item	Object	Syntax	Access	Status	Profile	Support	Base Std. Ref.
1	tcpRtoAlgorithm	INTEGER	read-only	A.3.2,6:M	A.3.2,6:m	Yes No	6, p.46
1.1	other	INTEGER	read-only	A.3.2,6:M	A.3.2,6:m	Yes No	6, p.46
1.2	constant	INTEGER	read-only	A.3.2,6:M	A.3.2,6:m	Yes No	6, p.46
1.3	rsre	INTEGER	read-only	A.3.2,6:M	A.3.2,6:m	Yes No	6, p.46
1.4	vanj	INTEGER	read-only	A.3.2,6:M	A.3.2,6:m	Yes No	6, p.46
2	tcpRtoMin	INTEGER	read-only	A.3.2,6:M	A.3.2,6:m	Yes No	6, p.46
3	tcpRtoMax	INTEGER	read-only	A.3.2,6:M	A.3.2,6:m	Yes No	6, p.47
4	tcpMaxConn	INTEGER	read-only	A.3.2,6:M	A.3.2,6:m	Yes No	6, p.47
5	tcpActiveOpens	Counter	read-only	A.3.2,6:M	A.3.2,6:m	Yes No	6, p.47
6	tcpPassiveOpens	Counter	read-only	A.3.2,6:M	A.3.2.6:m	Yes No	6, p.47

Item	Object	Syntax	Access	Status	Profile	Support	Base Std. Ref.
7	tcpAttemptFails	Counter	read-only	A.3.2,6:M	A.3.2,6:m	Yes No	6, p.48
8	tcpEstabResets	Counter	read-only	A.3.2,6:M	A.3.2,6:m	Yes No	6, p.48
9	tcpCurrEstab	Gauge	read-only	A.3.2,6:M	A.3.2,6:m	Yes No	6, p.48
10	tcpInSegs	Counter	read-only	A.3.2,6:M	A.3.2,6:m	Yes No	6, p.48
11	tcpOutSegs	Counter	read-only	A.3.2,6:M	A.3.2,6:m	Yes No	6, p.48
12	tcpRetransSegs	Counter	read-only	A.3.2,6:M	A.3.2,6:m	Yes No	6, p.49
13	tcpConnTable	SEQUENCE OF TcpConnEntry	not-accessible	A.3.2,6:M	A.3.2,6:m	Yes No	6, p.49
13.1	tcpConnEntry	TcpConnEntry	not-accessible	A.3.2,6:M	A.3.2,6:m	Yes No	6, p.49
13.1.1	tcpConnState	INTEGER	read-write	A.3.2,6:M	A.3.2,6:m	Yes No	6, p.50
13.1.1.1	closed	INTEGER	read-write	A.3.2,6:M	A.3.2,6:m	Yes No	6, p.50
13.1.1.2	listen	INTEGER	read-write	A.3.2,6:M	A.3.2,6:m	Yes No	6, p.50
13.1.1.3	synSent	INTEGER	read-write	A.3.2,6:M	A.3.2,6:m	Yes No	6, p.50
13.1.1.4	synReceived	INTEGER	read-write	A.3.2.6:M	A.3.2,6:m	Yes No	6, p.50
13.1.1.5	established	INTEGER	read-write	A.3.2,6:M	A.3.2,6:m	Yes No	6, p.50
13.1.1.6	finwait1	INTEGER	read-write	A.3.2,6:M	A.3.2,6:m	Yes No	6, p.50
13.1.1.7	finwait2	INTEGER	read-write	A.3.2,6:M	A.3.2,6:m	Yes No	6, p.50
13.1.1.8	closewait	INTEGER	read-write	A.3.2,6:M	A.3.2,6:m	Yes No	6, p.50
13.1.1.9	lastAck	INTEGER	read-write	A.3.2,6:M	A.3.2,6:m	Yes No	6, p.50
13.1.1.10	closing	INTEGER	read-write	A.3.2,6:M	A.3.2,6:m	Yes No	6, p.50
13.1.1.11	timeWait	INTEGER	read-write	A.3.2,6:M	A.3.2,6:m	Yes No	6, p.50
13.1.1.12	deleteTCB	INTEGER	read-write	A.3.2,6:M	A.3.2,6:m	Yes No	6, p.50
13.2	tcpConnLocalAddress	IpAddress	read-only	A.3.2,6:M	A.3.2,6:m	Yes No	6, p.51
13.3	tcpConnLocalPort	INTEGER	read-only	A.3.2,6:M	A.3.2,6:m	Yes No	6, p.51
13.4	tcpConnRemAddress	IpAddress	read-only	A.3.2,6:M	A.3.2,6:m	Yes No	6, p.51
13.5	tcpConnRemPort	INTEGER	read-only	A.3.2,6:M	A.3.2,6:m	Yes No	6, p.51
14	tcpInErrs	Counter	read-only	A.3.2,6:M	A.3.2,6:m	Yes No	6, p.51
15	tcpOutRsts	Counter	read-only	A.3.2,6:M	A.3.2,6:m	Yes No	6, p.52

A.3.2.7 The UDP group

Item	Object	Syntax	Access	Status	Profile	Support	Base Std. Ref.
1	udpInDatagrams	Counter	read-only	A.3.2,7:M	m	Yes	6, p.52
2	udpNoPorts	Counter	read-only	A.3.2,7:M	m	Yes	6, p.52
3	udpInErrors	Counter	read-only	A.3.2,7:M	m	Yes	6, p.52
4	udpOutDatagrams	Counter	read-only	A.3.2,7:M	m	Yes	6, p.53
5	udpTable	SEQUENCE OF UdpEntry	not-accessible	A.3.2,7:M	m	Yes	6, p.53
5.1	udpEntry	UdpEntry	not-accessible	A.3.2,7:M	m	Yes	6, p.53
5.1.1	udpLocalAddress	IpAddress	read-only	A.3.2,7:M	m	Yes	6, p.53
5.1.2	udpLocalPort	INTEGER	read-only	A.3.2,7:M	m	Yes	6, p.54

A.3.2.8 The EGP group

Item	Object	Syntax	Access	Status	Profile	Support	Base Std. Ref.
1	egpInMsgs	Counter	read-only	A.3.2,8:M	A.3.2,8:m	Yes No	6, p.54
2	egpInErrors	Counter	read-only	A.3.2,8:M	A.3.2,8:m	Yes No	6, p.54
3	egpOutMsgs	Counter	read-only	A.3.2,8:M	A.3.2,8:m	Yes No	6, p.54
4	egpOutErrors	Counter	read-only	A.3.2,8:M	A.3.2,8:m	Yes No	6, p.54
5	egpNeighTable	SEQUENCE OF EgpNeighEntry	not-accessible	A.3.2,8:M	A.3.2,8:m	Yes No	6, p.55
5.1	egpNeighEntry	EgpNeighEntry	not-accessible	A.3.2,8:M	A.3.2,8:m	Yes No	6, p.55
5.1.1	egpNeighState	INTEGER	read-only	A.3.2,8:M	A.3.2,8:m	Yes No	6, p.56
5.1.1.1	idle	INTEGER	read-only	A.3.2,8:M	A.3.2,8:m	Yes No	6, p.56
5.1.1.2	acquisition	INTEGER	read-only	A.3.2,8:M	A.3.2,8:m	Yes No	6, p.56
5.1.1.3	down	INTEGER	read-only	A.3.2,8:M	A.3.2,8:m	Yes No	6, p.56
5.1.1.4	up	INTEGER	read-only	A.3.2,8:M	A.3.2,8:m	Yes No	6, p.56
5.1.1.5	cease	INTEGER	read-only	A.3.2,8:M	A.3.2,8:m	Yes No	6, p.56
5.1.2	egpNeighAddr	IpAddress	read-only	A.3.2,8:M	A.3.2,8:m	Yes No	6, p.56
5.1.3	egpNeighAs	INTEGER	read-only	A.3.2,8:M	A.3.2,8:m	Yes No	6, p.56
5.1.4	egpNeighInMsgs	Counter	read-only	A.3.2,8:M	A.3.2,8:m	Yes No	6, p.57
5.1.5	egpNeighInErrs	Counter	read-only	A.3.2,8:M	A.3.2,8:m	Yes No	6, p.57

Item	Object	Syntax	Access	Status	Profile	Support	Base Std. Ref.
5.1.6	egpNeighOutMsgs	Counter	read-only	A.3.2,8:M	A.3.2,8:m	Yes No	6, p.57
5.1.7	egpNeighOutErrs	Counter	read-only	A.3.2,8:M	A.3.2,8:m	Yes No	6, p.57
5.1.8	egpNeighInErrMsgs	Counter	read-only	A.3.2,8:M	A.3.2,8:m	Yes No	6, p.57
5.1.9	egpNeighOutErrMsgs	Counter	read-only	A.3.2,8:M	A.3.2,8:m	Yes No	6, p.58
5.1.10	egpNeighStateUps	Counter	read-only	A.3.2,8:M	A.3.2,8:m	Yes No	6, p.58
5.1.11	egpNeighStateDowns	Counter	read-only	A.3.2,8:M	A.3.2,8:m	Yes No	6, p.58
5.1.12	egpNeighIntervalHello	INTEGER	read-only	A.3.2,8:M	A.3.2,8:m	Yes No	6, p.58
5.1.13	egpNeighIntervalPoll	INTEGER	read-only	A.3.2,8:M	A.3.2,8:m	Yes No	6, p.58
5.1.14	egpNeighMode	INTEGER	read-only	A.3.2,8:M	A.3.2,8:m	Yes No	6, p.59
5.1.14.1	active	INTEGER	read-only	A.3.2,8:M	A.3.2,8:m	Yes No	6, p.59
5.1.14.2	passive	INTEGER	read-only	A.3.2,8:M	A.3.2,8:m	Yes No	6, p.59
5.1.15	egpNeighEventTrigger	INTEGER	read-write	A.3.2,8:M	A.3.2,8:m	Yes No	6, p.59
5.1.15.1	start	INTEGER	read-write	A.3.2,8:M	A.3.2,8:m	Yes No	6, p.59
5.1.15.2	stop	INTEGER	read-write	A.3.2,8:M	A.3.2,8:m	Yes No	6, p.59
6	egpAs	INTEGER	read-only	A.3.2,8:M	A.3.2,8:m	Yes No	6, p.59

A.3.2.9 The Transmission group

This group is defined in the experimental space of MIB and ultimately be placed in the Internet-standard MIB. The group contains objects for each specific type of interface. Based on the transmission media underlying each interface on a system, the corresponding portion of the Transmission group is mandatory for that system.

A.3.2.10 The SNMP group

Item	Object	Syntax	Access	Status	Profile	Support	Base Std. Ref.
1	snmpInPkts	Counter	read-only	M	m	Yes	6, p.60
2	snmpOutPkts	Counter	read-only	M	m	Yes	6, p.60
3	snmpInBadVersions	Counter	read-only	M	m	Yes	6, p.61
4	snmpInBadCommunity Names	Counter	read-only	M	m	Yes	6, p.61
5	snmpInBadCommunityUses	Counter	read-only	M	m	Yes	6, p.61
6	snmpInASNParseErrs	Counter	read-only	M	m	Yes	6, p.61

Item	Object	Syntax	Access	Status	Profile	Support	Base Std. Ref.
7[3]							6, p.62
8	snmpInTooBigs	Counter	read-only	M	m	Yes	6, p.62
9	snmpInNoSuchNames	Counter	read-only	M	m	Yes	6, p.62
10	snmpInBadValues	Counter	read-only	M	m	Yes	6, p.62
11	snmpInReadOnlys	Counter	read-only	M	m	Yes	6, p.62
12	snmpInGenErrs	Counter	read-only	M	m	Yes	6, p.63
13	snmpInTotalReqVars	Counter	read-only	M	m	Yes	6, p.63
14	snmpInTotalSetVars	Counter	read-only	M	m	Yes	6, p.63
15	snmpInGetRequests	Counter	read-only	M	m	Yes	6, p.63
16	snmpInGetNexts	Counter	read-only	M	m	Yes	6, p.63
17	snmpInSetRequests	Counter	read-only	M	m	Yes	6, p.64
18	snmpInGetResponses	Counter	read-only	M	m	Yes	6, p.64
19	snmpInTraps	Counter	read-only	M	m	Yes	6, p.64
20	snmpOutTooBigs	Counter	read-only	M	m	Yes	6, p.64
21	snmpOutNoSuchNames	Counter	read-only	M	m	Yes	6, p.65
22	snmpOutBadValues	Counter	read-only	M	m	Yes	6, p.65
23[3]							6, p.65
24	snmpOutGenErrs	Counter	read-only	M	m	Yes	6, p.65
25	snmpOutGetRequests	Counter	read-only	M	m	Yes	6, p.65
26	snmpOutGetNexts	Counter	read-only	M	m	Yes	6, p.65
27	snmpOutSetRequests	Counter	read-only	M	m	Yes	6, p.66
28	snmpOutGetResponses	Counter	read-only	M	m	Yes	6, p.66
29	snmpOutTraps	Counter	read-only	M	m	Yes	6, p.66
30	snmpEnableAuthenTraps	INTEGER	read-write	M	m	Yes	6, p.66
30.1	enabled	INTEGER	read-write	M	m	Yes	6, p.66
30.2	disabled	INTEGER	read-write	M	m	Yes	6, p.66

[3] Not in use.

ANNEX B (informative)
CONCLUDING MATERIAL

B.1 Deviations from Base Standards/Referenced Profiles

This MIL-STD documents the Management Information Base (MIB), as part of a multipart Application Profile for the Simple Network Management Protocol (SNMPv1) in the ISO/IEC TR 10000, "Framework and Taxonomy of International Standardized Profiles", and MIL-HDBK-829 format. This DSP does not deviate from the protocol as written in the RFC base standards.

The classification of the requirements in RFC 1213 have been changed in the DSPICS to the following:

RFC	MIL-STD
MUST	Mandatory
SHOULD	Mandatory
MAY	Optional
SHOULD NOT	Prohibited
MUST NOT	Prohibited

B.2 Subject Term (Key Word) Listing

DOD Standardized Profile (DSP)
Data Communications Protocol Standards (DCPS)
DCPS Technical Management Panel (DTMP)
DSPICS Proforma
International Standardized Profile (ISP)
Interoperability
Management Information Base (MIB)
Network Management
PICS Proforma

B.3 Preparing Activity

Defense Information Systems Agency (DISA) - DC Project: DCPS-0008, Subproject 02

B.4 Reviewing Activities

Army	SC, PT
Air Force	13, 17, 29, 33, 90
DLA	DH
DMA	MP
DIA	DI
DOT	OST
NSA	NS
OASD	IQ, DO, IR
ODISC4	AC
NAVY	EC, CH, ND, TD, OM
USMC	MC, CG

B.5 Custodians

DISA	DC
Army	SC
Air Force	90
Navy	OM
DIA	DI
NSA	NS
USMC	MC
DLA	DH
Other	Joint Staff/Architecture & Integration
	USSPACECOM

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I RECOMMEND A CHANGE:	1. DOCUMENT NUMBER **MIL-STD-2045-14501**	2. DOCUMENT DATE *(YYMMDD)* **940701**

3. DOCUMENT TITLE Information Technology - DOD Standardized Profile - Internet Network Management Profile for DOD Communications - Part 2: Management Information Base (MIB) (SNMPv1)

4. NATURE OF CHANGE *(Identify paragraph number and include proposed rewrite, if possible. Attach extra sheets as needed.)*

5. REASON FOR RECOMMENDATION

6. SUBMITTER

a. NAME *(Last, First, Middle Initial)*	b. ORGANIZATION	
c. ADDRESS *(Include Zip Code)*	d. TELEPHONE *(Include Area Code)* (1) Commercial (2) DSN *(If applicable)*	7. DATE SUBMITTED *(YYMMDD)*

8. PREPARING ACTIVITY **DEFENSE INFORMATION SYSTEMS AGENCY (DISA)**

a. NAME	b. TELEPHONE *(Include Area Code)*
Rose D. Satz	(1) Commercial (2) DSN
c. ADDRESS *(Include Zip Code)* Director JIEO Attn: TBBF Ft. Monmouth, NJ 07703-5613	**IF YOU DO NOT RECEIVE A REPLY WITHIN 45 DAYS, CONTACT:** Defense Quality and Standardization Office 5203 Leesburg Pike, Suite 1403, Falls Church, VA 22041-3466 Telephone (703) 756-2340 DSN 289-2340

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